

Title (en)

Method for balancing an elevator car

Title (de)

VERFAHREN ZUM AUSWUCHTEN EINER AUFZUGSKABINE

Title (fr)

Procédé pour l'équilibrage d'une cabine d'ascenseur

Publication

**EP 3000758 A1 20160330 (EN)**

Application

**EP 14186302 A 20140925**

Priority

EP 14186302 A 20140925

Abstract (en)

The invention relates to a method for balancing an elevator car (1) comprising a frame (2); a cabin box (3) mounted on the frame (2); and a plurality of elastic members (4a,4b,4c,4d), such as springs, in vertical direction between the frame (2) and the cabin box (3), via which elastic members (4a,4b,4c,4d) the cabin box (3) rests on the frame (2). The method comprises measuring vertical distance between the frame (2) and the cabin box (3) in several horizontally spaced apart locations with distance sensors (5a,5b,5c,5d); and adjusting weight distribution of the cabin box (3) by adding and/or removing weight elements (6) on the cabin box (3). The invention further relates to an arrangement for balancing an elevator car (1) wherein said method is implemented.

IPC 8 full level

**B66B 5/28** (2006.01); **B66B 11/02** (2006.01)

CPC (source: EP US)

**B66B 11/0273** (2013.01 - EP US)

Citation (search report)

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BE1028392B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3000758 A1 20160330; EP 3000758 B1 20190417**; CN 105460751 A 20160406; CN 105460751 B 20200515; HK 1217684 A1 20170120; US 2016090274 A1 20160331; US 9624073 B2 20170418

DOCDB simple family (application)

**EP 14186302 A 20140925**; CN 201510607618 A 20150922; HK 16105692 A 20160518; US 201514843666 A 20150902